

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional) H64-154426M/MNN	Application Number 10/659,271
Applicant(s) Shigenori YAGUCHI, et al.	
Filing Date September 11, 2003	Group Art Unit 1756

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
16		4,935,325	06/19/1990	Kuribayashi, et al.			
16		5,199,983	04/06/1993	Katamoto			
16		5,328,793	07/12/1994	Misawa, et al.			
16		6,130,017	10/10/2000	Hayashi, et al.			
16		6,383,701	05/07/2002	Tohata			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
16		02-000080	01/05/1990	Japan			ABS	
16		03-002276	01/08/1991	Japan			ABS	
16		06-067453	03/11/1994	Japan			ABS	
16		2000-010344	01/14/2000	Japan			ABS	
16		2002-108010	04/10/2002	Japan			ABS	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER J Goodrow	DATE CONSIDERED 3/07
------------------------------	--------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.

H64-154426M/A N

APPLICATION NO.

10/659,271

APPLICANT(S)

Shigenori YAGUCHI, et al.

FILING DATE

September 11, 2003

GROUP ART UNIT

1756

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
16	6,660,442	12/09/2003	Sata, et al.			
16	5,807,653	09/15/1998	Nishihara, et al.			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
16	2002-365850	12/18/2002	Japan			ABS	
16	09-288374	11/4/1997	Japan			ABS	
16	01-298028	12/1/1989	Japan			ABS	
16	05-193942	08/03/1993	Japan			✓	
16	2000-029249	01/28/2000	Japan			ABS	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

J Goodrow

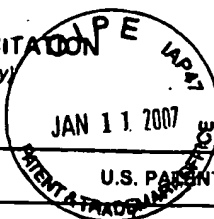
DATE CONSIDERED

3/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.

H64-154426M/M...

APPLICATION NO.

10/659,271

APPLICANT(S)

Shigenori YAGUCHI, et al.

FILING DATE

September 11, 2003

GROUP ART UNIT

1756

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
16	2003-215846	07/30/2003	Japan			ABS	
16	06-019195	01/28/1994	Japan			ABS	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

J Goodrow

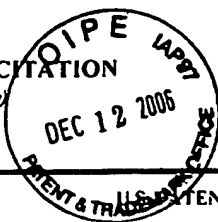
DATE CONSIDERED

3/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

H64-154426M/MNN

Application Number

10/659,271

Applicant(s)

Shigenori YAGUCHI, et al.

Filing Date

September 11, 2003

Group Art Unit

1756

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
16		07-238233	09/12/1995	Japan			ABS	
16		62-176895	08/03/1987	Japan			ABS	
16		2000-129070	05/09/2000	Japan			ABS	
16		2002-72566	03/12/2002	Japan			ABS	
16		2002-129063	05/09/2002	Japan			ABS	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Japanese Office Action dated September 12, 2006 with English Translation

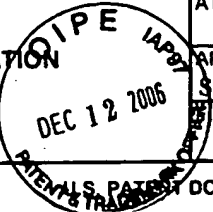
EXAMINER

J Goodrow

DATE CONSIDERED

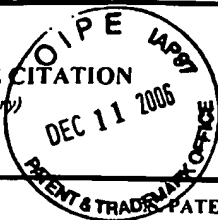
3/07

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. H64-154426M/MNN		APPLICATION NO. 10/659,271	
				APPLICANT(S) Shigenori YAGUCHI, et al.		GROUP ART UNIT 1756	
				FILING DATE September 11, 2003			
U.S. PATENT APPLICATION DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
16		2002-338706	11/27/2002	Japan			YES AB NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			
J Goodrow				3/07			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

H64-154426M/MNN

Application Number

10/659,271

Applicant(s)

Shigenori YAGUCHI, et al.

Filing Date

September 11, 2003

Group Art Unit

1756

PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,935,325	06/19/1990	Kuribayashi, et al.			
		5,199,983	04/06/1993	Katamoto			
		5,328,793	07/12/1994	Misawa, et al.			
		6,130,017	10/10/2000	Hayashi, et al.			
		6,383,701	05/07/2002	Tohata			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		02-000080	01/05/1990	Japan			ABS	
		03-002276	01/08/1991	Japan			ABS	
		06-067453	03/11/1994	Japan			ABS	
		2000-01344	01/14/2000	Japan			ABS	
		2002-108010	04/10/2002	Japan			ABS	

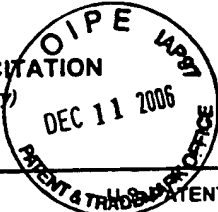
OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. H64-154426M/MNN		APPLICATION NO. 10/659,271		
				APPLICANT(S) Shigenori YAGUCHI, et al.		GROUP ART UNIT 1756		
				FILING DATE September 11, 2003				
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6,660,442	12/09/2003	Sata, et al.				
		5,807,653	09/15/1998	Nishihiara, et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2002-365850	12/18/2002	Japan			ABS	
		09-288374	11/4/1997	Japan			ABS	
		01-298028	12/1/1989	Japan			ABS	
		05-193942	08/03/1993	Japan			✓	
		2000-029249	01/28/2000	Japan			ABS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER					DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

